

SOIL MAP UNITS AND COMPONENT HIGHLY ERODIBLE LAND CLASS  
FOR SOIL SURVEY AREA 117  
STANLEY CO.

MAP SYMBOL	SOIL MAP UNIT NAME	HEL CLASS % WIND WATER	SOIL LV K T	HYDRIC SOILS
00055	QAHE DAM			
	QAHE DAM	100 ER ER		
AGA	AGAR SILT LOAM, 0 TO 3 PERCENT SLOPES			
	AGAR	100 3 3	0.32 5	1/
AGB	AGAR SILT LOAM, 3 TO 6 PERCENT SLOPES			
	AGAR	100 3 3	0.32 5	
AKA	AGAR SILT LOAM, CLAY SUBSTRATUM, 0 TO 3 PERCENT SLOPES			
	AGAR	100 3 3	0.32 5	
AKB	AGAR SILT LOAM, CLAY SUBSTRATUM, 3 TO 6 PERCENT SLOPES			
	AGAR	100 3 3	0.32 5	
CAA	CANNING LOAM, 0 TO 3 PERCENT SLOPES			
	CANNING	100 3 3	0.28 4	
CAB	CANNING LOAM, 3 TO 6 PERCENT SLOPES			
	CANNING	100 3 3	0.28 4	
CAC	CANNING LOAM, 6 TO 9 PERCENT SLOPES			
	CANNING	100 3 2	0.28 4	
CC	CARTER-HURLEY SILT LOAMS			
	CARTER	55 1 3	0.37 3	
	HURLEY	35 1 3	0.43 3	
CHB	CHANTIER CLAY, 2 TO 9 PERCENT SLOPES			
	CHANTIER	100 1 2	0.37 2	
CSC	CHANTIER-SANSARC CLAYS, 3 TO 15 PERCENT SLOPES			
	CHANTIER	55 1 2	0.37 2	
	SANSARC	45 1 1	0.37 2	
CWB	CHANTIER-SWANBOY CLAYS, 2 TO 9 PERCENT SLOPES			
	CHANTIER	50 1 2	0.37 2	
	SWANBOY	45 1 3	0.37 5	
DO	DORNA SILT LOAM			
	DORNA	100 3 3	0.32 5	
HO	HOVEN SILT LOAM			
	HOVEN	100 3 3	0.37 3	HY-3
HRA	HURLEY SILT LOAM, 0 TO 3 PERCENT SLOPES			
	HURLEY	100 1 3	0.43 3	
HS	HURLEY-SLICKSPOTS COMPLEX			
	HURLEY	50 1 3	0.43 3	
	SLICKSPOTS	40 ER ER		
IN	INAVALE FINE SAND			
	INAVALE	100 1 3	0.15 5	
KEA	KIRLEY LOAM, 0 TO 3 PERCENT SLOPES			
	KIRLEY	100 3 3	0.32 5	
KEB	KIRLEY LOAM, 3 TO 6 PERCENT SLOPES			
	KIRLEY	100 3 3	0.32 5	
KO	KOLLS CLAY			
	KOLLS	100 1 3	0.37 5	HY-4
LAB	LAKOMA CLAY, 3 TO 6 PERCENT SLOPES			
	LAKOMA	100 1 3	0.37 4	
LAC	LAKOMA CLAY, 6 TO 9 PERCENT SLOPES			
	LAKOMA	100 1 2	0.37 4	
LKD	LAKOMA-OKATON CLAYS, 6 TO 15 PERCENT SLOPES			
	LAKOMA	50 1 2	0.37 4	
	OKATON	45 1 1	0.37 2	
LOA	LOWRY SILT LOAM, 0 TO 3 PERCENT SLOPES			
	LOWRY	100 3 3	0.32 5	
LOB	LOWRY SILT LOAM, 3 TO 6 PERCENT SLOPES			
	LOWRY	100 3 3	0.32 5	
LDC	LOWRY SILT LOAM, 6 TO 9 PERCENT SLOPES			
	LOWRY	100 3 3	0.32 5	
MCA	MCCLURE SILT LOAM, 0 TO 3 PERCENT SLOPES			
	MCCLURE	100 3 3	0.32 5	1/

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MCB	MCCLURE SILT LOAM, 3 TO 6 PERCENT SLOPES				
	MCCLURE	100	3 3	0.32 5	
MOA	MILLBORO SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES				
	MILLBORO	100	1 3	0.37 5	1/
MOB	MILLBORO SILTY CLAY LOAM, 3 TO 6 PERCENT SLOPES				
	MILLBORO	100	1 3	0.37 5	1/
MU	MUNJOR-INAVALE COMPLEX				
	MUNJOR	55	1 3	0.24 5	
	INAVALE	35	1 3	0.15 5	
NB	NIMBRO SILTY CLAY LOAM				
	NIMBRO	100	3 3	0.28 5	
OKE	OKATON-LAKOMA CLAYS, 15 TO 40 PERCENT SLOPES				
	OKATON	70	1 1	0.37 2	
	LAKOMA	25	1 1	0.37 4	
OPA	OPAL CLAY, 0 TO 3 PERCENT SLOPES				
	OPAL	100	1 3	0.37 4	
OPB	OPAL CLAY, 3 TO 6 PERCENT SLOPES				
	OPAL	100	1 3	0.37 4	
OPC	OPAL CLAY, 6 TO 9 PERCENT SLOPES				
	OPAL	100	1 2	0.37 4	
OTB	OPAL-CHANTIER CLAYS, 2 TO 6 PERCENT SLOPES				
	OPAL	60	1 3	0.37 4	
	CHANTIER	30	1 2	0.37 2	
OTC	OPAL-CHANTIER CLAYS, 6 TO 9 PERCENT SLOPES				
	OPAL	60	1 2	0.37 4	
	CHANTIER	30	1 2	0.37 2	
QXB	OPAL-PROMISE CLAYS, 3 TO 6 PERCENT SLOPES				
	OPAL	50	1 3	0.37 4	
	PROMISE	45	1 3	0.37 5	
PG	PITS, GRAVEL				
	PITS	100	ER ER		
PRA	PROMISE CLAY, 0 TO 3 PERCENT SLOPES				
	PROMISE	100	1 3	0.37 5	1/
PRB	PROMISE CLAY, 3 TO 6 PERCENT SLOPES				
	PROMISE	100	1 3	0.37 5	1/
PRC	PROMISE CLAY, 6 TO 9 PERCENT SLOPES				
	PROMISE	100	1 2	0.37 5	
PS	PROMISE-HURLEY COMPLEX				
	PROMISE	70	1 3	0.37 5	
	HURLEY	25	1 3	0.43 3	
REA	REE LOAM, 0 TO 3 PERCENT SLOPES				
	REE	100	3 3	0.28 5	
REB	REE LOAM, 3 TO 6 PERCENT SLOPES				
	REE	100	3 3	0.28 5	
REC	REE LOAM, 6 TO 9 PERCENT SLOPES				
	REE	100	3 3	0.28 5	
RS	ROCK OUTCROP, SHALE-SANSARC COMPLEX				
	ROCK OUTCR	75	ER ER		
	SANSARC	20	1 1	0.37 2	
SAE	SANSARC CLAY, 6 TO 40 PERCENT SLOPES				
	SANSARC	100	1 1	0.37 2	
SCD	SANSARC-OPAL CLAYS, 6 TO 15 PERCENT SLOPES				
	SANSARC	50	1 1	0.37 2	
	OPAL	45	1 2	0.37 4	
SCE	SANSARC-OPAL CLAYS, 15 TO 40 PERCENT SLOPES				
	SANSARC	65	1 1	0.37 2	
	OPAL	25	1 1	0.37 4	
SD	SANSARC-ROCK OUTCROP COMPLEX				
	SANSARC	55	1 1	0.37 2	
	ROCK OUTCR	35	ER ER		
SHE	SCHAMBER GRAVELLY LOAM, 9 TO 40 PERCENT SLOPES				
	SCHAMBER	100	1 1	0.17 2	
SMD	SCHAMBER-MURDO COMPLEX, 6 TO 15 PERCENT SLOPES				
	SCHAMBER	50	1 2	0.17 2	
	MURDO	45	1 2	0.24 2	

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		%	WIND	WATER	K	T
SME	SCHAMBER-MURDO COMPLEX, 15 TO 40 PERCENT SLOPES					
	SCHAMBER	55	1	1	0.17	2
	MURDO	40	1	1	0.24	2
SUC	SULLY SILT LOAM, 3 TO 9 PERCENT SLOPES					
	SULLY	100	1	2	0.43	5
SUE	SULLY SILT LOAM, 9 TO 25 PERCENT SLOPES					
	SULLY	100	1	1	0.43	5
SVE	SULLY-SANSARC COMPLEX, 9 TO 25 PERCENT SLOPES					
	SULLY	55	1	1	0.43	5
	SANSARC	35	1	1	0.37	2
SW	SWANBOY CLAY					
	SWANBOY	100	1	3	0.37	5
SX	SWANBOY-SLICKSPOTS COMPLEX					
	SWANBOY	65	1	3	0.37	5
	SLICKSPOTS	30	ER	ER		
WC	WENOTE CLAY					
	WENOTE	100	1	3	0.28	5
WD	WENOTE CLAY, CHANNELED					
	WENOTE	100	1	3	0.28	5
WF	WENOTE CLAY, FREQUENTLY FLOODED					
	WENOTE	100	1	3	0.28	5
WSE	WESTOVER LOAM, 15 TO 40 PERCENT SLOPES					
	WESTOVER	100	3	1	0.32	4
WT	WITTEN CLAY					
	WITTEN	100	1	3	0.37	5

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## Footnotes:

R = 65, C = 0.50

1 = HIGHLY ERODIBLE, 2 = POTENTIALLY HIGHLY ERODIBLE,  
3 = NOT HIGHLY ERODIBLE

HY = HYDRIC SOILS

ERROR = NOT RATED

1/ This map unit may have inclusions of h

## STANLEY COUNTY, SOUTH DAKOTA

UNIT NAME	COMPNAME	I
SILT LOAM, 0 TO 3 PERCENT SLOPES	AGAR	48
SILT LOAM, 3 TO 6 PERCENT SLOPES	AGAR	48
SILT LOAM, 0 TO 3 PERCENT SLOPES	FAIRLO	48
SILT LOAM, 3 TO 6 PERCENT SLOPES	FAIRLO	48
CLAY LOAM, 0 TO 3 PERCENT SLOPES	CANNING	48
CLAY LOAM, 3 TO 6 PERCENT SLOPES	CANNING	48
CLAY LOAM, 6 TO 9 PERCENT SLOPES	CANNING	48
CLAY-CAPA SILT LOAMS	CARTER	48
CLAY-CAPA SILT LOAMS	CABA	48
CLAY, 2 TO 9 PERCENT SLOPES	CHANTIER	86
CLAY-SANSARC CLAYS, 3 TO 15 PERCENT SLOPES	CHANTIER	86
CLAY-SANSARC CLAYS, 3 TO 15 PERCENT SLOPES	SANSARC	86
CLAY-BULLCREEK CLAYS, 2 TO 9 PERCENT SLOPES	CHANTIER	86
CLAY-BULLCREEK CLAYS, 2 TO 9 PERCENT SLOPES	BULLCREEK	86
SILT LOAM	DORNA	56
SILT LOAM	HOVEN	48
SILT LOAM, 0 TO 3 PERCENT SLOPES	CAPA	48
SLICKSPOTS COMPLEX	CAPA	48
SLICKSPOTS COMPLEX	SLICKSPOTS, DRY	86
CLAY FINE SAND	INAVALE	220
CLAY LOAM, 0 TO 3 PERCENT SLOPES	KIRLEY	48
CLAY LOAM, 3 TO 6 PERCENT SLOPES	KIRLEY	48
CLAY	KOLLS	86
CLAY, 3 TO 6 PERCENT SLOPES	LAKOMA	86
CLAY, 6 TO 9 PERCENT SLOPES	LAKOMA	86
CLAY-OKATON CLAYS, 6 TO 15 PERCENT SLOPES	LAKOMA	86
CLAY-OKATON CLAYS, 6 TO 15 PERCENT SLOPES	OKATON	86
SILT LOAM, 0 TO 3 PERCENT SLOPES	LOWRY	56
SILT LOAM, 3 TO 6 PERCENT SLOPES	LOWRY	56
SILT LOAM, 6 TO 9 PERCENT SLOPES	LOWRY	56
CLAY SILT LOAM, 0 TO 3 PERCENT SLOPES	MCCLURE	48
CLAY SILT LOAM, 3 TO 6 PERCENT SLOPES	MCCLURE	48
CLAY SILT LOAM, 0 TO 3 PERCENT SLOPES	MILLBORO	48
CLAY SILT LOAM, 3 TO 6 PERCENT SLOPES	MILLBORO	48
CLAY SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	MILLBORO	86
CLAY SILTY CLAY LOAM, 3 TO 6 PERCENT SLOPES	MILLBORO	86
CLAY-INAVALE COMPLEX	MUNJOR	86
CLAY-INAVALE COMPLEX	INAVALE	220
CLAY SILTY CLAY LOAM	NIMBRO	86
CLAY-AM	ORTHENTS, LOAMY	86
CLAY-LAKOMA CLAYS, 15 TO 40 PERCENT SLOPES	OKATON	86
CLAY-LAKOMA CLAYS, 15 TO 40 PERCENT SLOPES	LAKOMA	86
CLAY, 0 TO 3 PERCENT SLOPES	OPAL	86
CLAY, 3 TO 6 PERCENT SLOPES	OPAL	86
CLAY, 6 TO 9 PERCENT SLOPES	OPAL	86
CLAY-CHANTIER CLAYS, 2 TO 6 PERCENT SLOPES	OPAL	86
CLAY-CHANTIER CLAYS, 2 TO 6 PERCENT SLOPES	CHANTIER	86
CLAY-CHANTIER CLAYS, 6 TO 9 PERCENT SLOPES	OPAL	86
CLAY-CHANTIER CLAYS, 6 TO 9 PERCENT SLOPES	CHANTIER	86
CLAY-PROMISE CLAYS, 3 TO 6 PERCENT SLOPES	OPAL	86
CLAY-PROMISE CLAYS, 3 TO 6 PERCENT SLOPES	PROMISE	86
CLAY-GRAVEL	ORTHENTS, GRAVELLY	56
CLAY, 0 TO 3 PERCENT SLOPES	PROMISE	86
CLAY, 3 TO 6 PERCENT SLOPES	PROMISE	86
CLAY, 6 TO 9 PERCENT SLOPES	PROMISE	86

UNIT NAME	COMPNAME	I
SE-CAPA COMPLEX	PROMISE	86
SE-CAPA COMPLEX	CAPA	48
AM, 0 TO 3 PERCENT SLOPES	REE	48
AM, 3 TO 6 PERCENT SLOPES	REE	48
AM, 6 TO 9 PERCENT SLOPES	REE	48
OUTCROP-SANSARC COMPLEX	ROCK OUTCROP, SOFT	86
OUTCROP-SANSARC COMPLEX	SANSARC	86
IC CLAY, 6 TO 40 PERCENT SLOPES	SANSARC	86
IC-OPAL CLAYS, 6 TO 15 PERCENT SLOPES	SANSARC	86
IC-OPAL CLAYS, 6 TO 15 PERCENT SLOPES	OPAL	86
IC-OPAL CLAYS, 15 TO 40 PERCENT SLOPES	SANSARC	86
IC-OPAL CLAYS, 15 TO 40 PERCENT SLOPES	OPAL	86
IC-ROCK OUTCROP COMPLEX	SANSARC	86
IC-ROCK OUTCROP COMPLEX	ROCK OUTCROP, SOFT	86
ER GRAVELLY LOAM, 9 TO 40 PERCENT SLOPES	SCHAMBER	48
ER-MURDO COMPLEX, 6 TO 15 PERCENT SLOPES	SCHAMBER	48
ER-MURDO COMPLEX, 6 TO 15 PERCENT SLOPES	MURDO	48
ER-MURDO COMPLEX, 15 TO 40 PERCENT SLOPES	SCHAMBER	48
ER-MURDO COMPLEX, 15 TO 40 PERCENT SLOPES	MURDO	48
AY	SPILLWAY	86
SILT LOAM, 3 TO 9 PERCENT SLOPES	SULLY	86
SILT LOAM, 9 TO 25 PERCENT SLOPES	SULLY	86
SANSARC COMPLEX, 9 TO 25 PERCENT SLOPES	SULLY	86
SANSARC COMPLEX, 9 TO 25 PERCENT SLOPES	SANSARC	86
EEK CLAY	BULLCREEK	86
EEK-SLICKSPOTS COMPLEX	BULLCREEK	86
EEK-SLICKSPOTS COMPLEX	SLICKSPOTS, DRY	86
CLAY	WENDTE	86
CLAY, CHANNELED	WENDTE	86
N CLAY, FREQUENTLY FLOODED	ALBATON	86
ER LOAM, 15 TO 40 PERCENT SLOPES	WESTOVER	86
CLAY	WITTEN	86
(<40 ACRES)	WATER (LESS THAN 40 ACRES)	